RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/553, 163_

Source: _PCT_

Date Processed by STIC: _10/25/2005_

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RAW SEQUENCE LISTING   DATE: 10/25/2005
PATENT APPLICATION: US/10/553,163   TIME: 10:22:02

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Output Set: N:\CRF4\10252005\J553163.raw

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 3 <110> APPLICANT: ELI LILLY AND COMPANY
 5 <120> TITLE OF INVENTION: INSULIN ANALOGS HAVING PROTRACTED TIME ACTION
 7 <130> FILE REFERENCE: X-16270M
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/553,163
C--> 9 <141> CURRENT FILING DATE: 2005-10-13
 9 <150> PRIOR APPLICATION NUMBER: US 60/466,501
10 <151> PRIOR FILING DATE: 2003-04-29
12 <150> PRIOR APPLICATION NUMBER: US 60/466,500
13 <151> PRIOR FILING DATE: 2003-04-29
15 <150> PRIOR APPLICATION NUMBER: US 60/470,118
16 <151> PRIOR FILING DATE: 2003-05-13
18 <160> NUMBER OF SEQ ID NOS: 5
20 <170> SOFTWARE: PatentIn version 3.2
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23 <211> LENGTH: 22
24 <212> TYPE: PRT
25 <213> ORGANISM: HOMO SAPIENS
28 <220> FEATURE:
29 <221> NAME/KEY: MISC_FEATURE
30 <222> LOCATION: (1)..(22)
31 <223> OTHER INFORMATION: Amino acid sequence of the A-chain of
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33       B32Lys-human insulin.
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54 <223> OTHER INFORMATION: Amino acid sequence of the B-chain of
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60 1                   5                   10                  15
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64               20                  25                  30
67 <210> SEQ ID NO: 3
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PATENT APPLICATION: US/10/553,163   TIME: 10:22:02

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 73 <220> FEATURE:
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 76 <223> OTHER INFORMATION: Amino acid sequence of the A-chain of wild-type human
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 84 Glu Asn Tyr Cys Asn
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 96 <222> LOCATION: (1)..(30)
 97 <223> OTHER INFORMATION: Amino acid sequence of the B-chain of wild-type human
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 99 <400> SEQUENCE: 4
101 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
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118 <223> OTHER INFORMATION: Amino acid sequence of the B-chain of
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119          B32Lys -human insulin.
121 <400> SEQUENCE: 5
123 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
124 1               5                   10                  15
127 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Arg Thr Arg Lys
128             20                  25                  30
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VERIFICATION SUMMARY   DATE: 10/25/2005
PATENT APPLICATION: **US/10/553,163**   TIME: 10:22:03

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date